

## Field Data Sheet for Water Quality Monitoring

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Sample # for site #3 After Cows Legal Descrip \_\_\_\_\_

Waterbody Tributary to Niagara Creek Arrival time 10:40

Location ID New Barm Meadow (BM2) Depart time 10:49

Samplers Lindsey Myers, Tracy Knopf Date 7/23/09

### Site Observaitons:

Cloud Cover	<b>No Clouds</b> ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	<b>None</b> ; Misty; Foggy; Drizzle; Rain; Snow
Wind	<b>Calm</b> ; Breezy; Windy
Water Murkiness	<b>Clear Water</b> ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	<b>Very Low</b> ; <b>Low</b> ; Medium; High; Very High; Same
Sample color	<b>None</b> ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	<b>None</b> ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	<b>Algae or water plants</b> ; leaf litter; trash; Other
Habitat	Describe; <b>Below small Meadow with aspen and willows</b>
Bank Disturbance	Describe; <b>Yes, lots from cattle crossing in wet area, some bare areas</b>

Comments:

Second new sample site below Barn Meadow, this one is closer to the original than BM1.

Meadow is surrounded by a mixed conifer forest, red fir dominant.

### Field Water Measurements:

Instrument ID	Parameter	Unit	Reading 1	Reading 2	Reading 3
YSI 63 meter	Conductivity	µS	110.5	117.7	111.6
YSI 63 meter	pH	pH	pH probe malfunction - no data		
YSI 63 meter	Water Temp	Celsius	14.3	14.2	14.3

Comments:

Veg on left side of stream is recovering, not on the right. Lots of exposed soil.

Bacteria Sample Container ID ⊕79 Time collected 10:42

Bacteria Sample Container ID \_\_\_\_\_ Time collected \_\_\_\_\_

Sample arrival time at AquaLab 15:20

Comments:

Turbidity sample taken.

Entered into dBase by Lindsey Myers Date 9/7/09

dBase check \_\_\_\_\_ Date \_\_\_\_\_